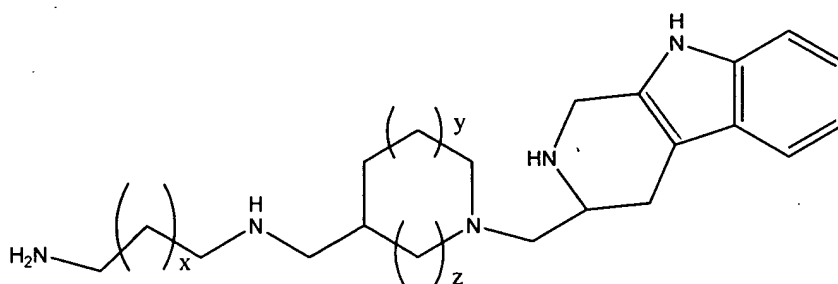
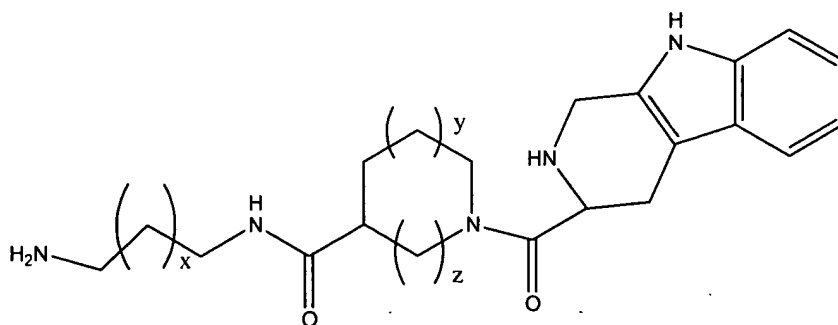


## CLAIMS

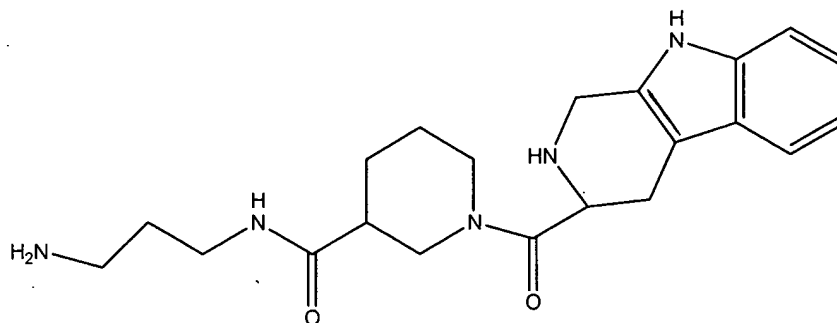
What is claimed as new and desired to be protected by Letters Patent of the United States is:

1. A tetrahydro- $\beta$ -carboline compound represented by the following formulae:

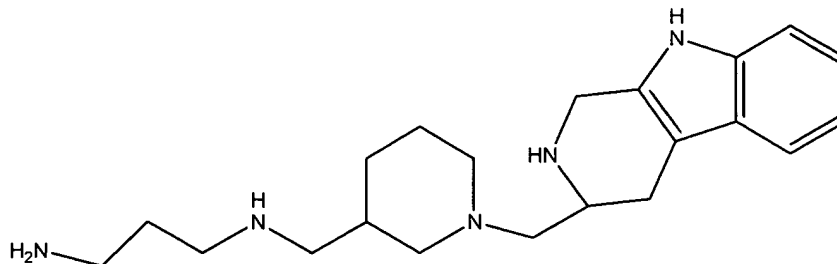


wherein x, y and z are each independently an integer of 0 to 4, and R is selected from the group consisting of H, alkyl, aryl and heterocyclic moiety wherein the alkyl, aryl and heterocyclic moiety are optionally substituted with a member selected from the group consisting of halogen, alkoxy and trifluoromethyl; pharmaceutically acceptable salts thereof and prodrugs thereof.

2. A compound according to claim 1 being a carboline bisamide represented by formula 1.
3. A compound according to claim 1 being a carboline tetraamine represented by formula 2.
4. A compound according to claim 1 wherein R is selected from the group consisting of H-, CH<sub>3</sub>-, CH<sub>3</sub>CH<sub>2</sub>-, CH<sub>3</sub>(CH<sub>2</sub>)<sub>4</sub>CH<sub>2</sub>-, C<sub>6</sub>H<sub>5</sub>-, 4-biphenyl, 3-biphenyl, 2-naphthyl, 1-naphthyl, 4-pyridinyl, 3-pyridinyl, and 2-pyridinyl.
5. A compound according to claim 1 represented by the formula:



6. A compound according to claim 1 represented by the formula:



7. A pharmaceutical composition comprising a tetrahydro- $\beta$  - carboline compound according to claim 1.
8. A method for treating a neurological disease which comprises administering to a patient suffering from a neurological disease, an effective neurological treatment amount of a tetrahydro- $\beta$  - carboline compound according to claim 1.
9. The method of claim 8 wherein the neurological disease comprises depression.
10. The method of claim 8 wherein the neurological disease comprises anxiety.